



TL1 Errors



The terms "Unidirectional Path Switched Ring" and "UPSR" may appear in Cisco literature. These terms do not refer to using Cisco ONS 15xxx products in a unidirectional path switched ring configuration. Rather, these terms, as well as "Path Protected Mesh Network" and "PPMN," refer generally to Cisco's path protection feature, which may be used in any topological network configuration. Cisco does not recommend using its path protection feature in any particular topological network configuration.

This chapter provides TL1 error information supported by the Cisco ONS 15454, ONS 15327, ONS 15600 and ONS 15310-CL. For alarm information, Refer to the platform-specific Cisco ONS Procedure Guide, Cisco ONS Troubleshooting Guide and Cisco ONS Reference Manual.

3.1 Errors

Errors can be generated by any command or command response message. [Table 3-1](#) through [Table 3-64](#) list errors alphabetically by error code. The format of an error message is as follows:

```
SID DATE TIME
M CTAG DENY
<ERRCDE>
/* <ERRMSG> */
;
```

Table 3-1 **ENEQ Errors**

ENEQ Error Messages
At Least One Equipment Is Not Plugged
Communication Failed
Control Not Provisioned
Cost Not Found
EnvControl IF Is Not Found
Environmental Control Interface Not Found
Equipment Is Deleted
Equipment Must Be Present
Equipment Not Found

Table 3-1 *ENEQ Errors (continued)*

ENEQ Error Messages
Equipment Not Present
Equipment Not Provisioned
IP Address Not Found
IP Mask Not Found
Internal Communication Error
Next Hop Not Found
No standby present
No standby provisioned
Not Equipped
Sensor IF Is Not Found
Sensor Interface Not Found
Standby not in valid state, please wait
TID Not Found

Table 3-2 *IBEX Errors*

IBEX Error Messages
Extra Datablock
Extra parameters
Invalid AID Block. Extra Datablock
Invalid Payload Block. Extra Datablock

Table 3-3 *ICNV Errors*

ICNV Error Messages
Admin SSM Not Supported
Cannot Set DCC When G709 Is Enabled
Cross Connect Not Supported By XC Mode
Equipment Does Not Match Request
Equipment In Use
Inhfelpbk Not Supported
Invalid Command
Operation Not Supported By This Card
PDIP Not Supported
PM Threshold Type Not Supported
PM Type Not Supported
Payload Does Not Match Request

Table 3-3 ICNV Errors (continued)

ICNV Error Messages
Performance Monitoring Type Not Supported
Protection Type Not Supported in SONET Media
SaBit Not Supported With Current Configuration
Senddus Not Supported
Syncmap Not Supported
Syncmsg Not Supported
Threshold Type Not Supported
Trace Not Supported On Protect Trunk Port
Unidirectional Not Supported
VT Map Not Supported
XC MODE Not Supported

Table 3-4 IDMS Errors

IDMS Error Messages
Data Missing
Loopback Type Missing
Missing Internal Data

Table 3-5 IDNC Errors

IDNC Error Messages
Invalid Data
Invalid PST Value
Invalid SST Value
PRI source cannot be INTERNAL when SEC source is not INTERNAL
PRI source cannot be INTERNAL when THIRD is not INTERNAL
Primary Source Cannot Be INTERNAL When Secondary Source Is Not INTERNAL
Primary Source Cannot Be INTERNAL When Third Source Is Not INTERNAL
SEC source cannot be INTERNAL when THIRD is not INTERNAL
SSM not supported on SDH
Secondary Source Cannot Be INTERNAL When Third Source Is Not INTERNAL
Third source must be INTERNAL

Table 3-6 IDNV Errors

IDNV Error Messages
2F-BLSR Architecture Does Not Permit Manual/Forced Span Switching
AIS On Terminal Loopback Not Supported
AISONLPBK Not Supported
AMPLMODE Not Supported
AUTO ALS Mode Not Allowed With Digital Wrapper Disabled
AUTO Trace Mode Not Allowed
Alarm Message Must Be Enclosed Within a Pair of Quotes
Alarm Message Required for MISC
At least an XC10G cross-connect card is needed for this equipment type
BERT Diagnostics Limited To VT Cross connections
CALOPWR Not Supported
CALTILT Not Supported
CHPOWER Not Supported
CKTID Exceeds Maximum Length
CMDMDE Only Applicable when Creating/Deleting Protection Group
Calibration Power Not Allowed
Cannot Access DCC
Cannot Change Protection Type
Cannot Change Cross-Connect Mode
Cannot Edit NAME When Regeneration Group Not Present
Cannot Modify Circuit Size While Active Equipment
Card Does Not Support Synchronization/Timing Parameters
Command Not Valid On Protect Card
Configuration Does Not Support AUTO ALS Mode
Current Interval Not Supported For RMON PMs
DCC Not Supported In Transparent Term Mode
DCC is in use
DS1 Mode Not Supported
Data Rate Already Provisioned
Data Rate Already Provisioned
Description Too Long
Description cannot be more than 32 characters
Distance Extension Not Enabled
EXPGAIN Parameter Supported Only On DWDM Metro Core
Edit FMT on an Invalid Card
Edit FMT with an Invalid Data

Table 3-6 IDNV Errors (continued)

IDNV Error Messages
Edit Line Code Failed
Edit Line Code on an Invalid Card
Equipment Does Not Support EXPWLEN
Equipment Does Not Support FCS
Equipment Does Not Support PROTID
Equipment Does Not Support PRTYPE
Equipment Does Not Support Payload Type
Equipment Does Not Support RDIRN
Equipment Does Not Support RVRTV
Equipment Does Not Support RVTM
Equipment Does Not Support Regeneration Group
Equipment Does Not Support SUPERBLKS
Equipment Incompatible For Regeneration Group
Frame Format Contains Invalid Data
Frame Format Not Supported On Equipment
GCC Not Supported On CLNT Port
GFP Buffer Out Of Range
High Threshold Should Be Lower Than Extreme High
Incompatible Equipment Type For Protection
Incompatible Equipment Type
Incompatible New Equipment Type
Incompatible Protect Slot For Protection
Interval Out Of Range
Invalid AID For PCA Cross-Connection
Invalid Alarm Message
Invalid Buffer Type
Invalid Card Mode For Equipment Type
Invalid Data For 2F-BLSR
Invalid Data Rate
Invalid Drop Path
Invalid Equipment Type
Invalid Ethernet Frame Size
Invalid Expected Path Trace Message
Invalid Holdoff Timer Value
Invalid Interval
Invalid Log Name

Table 3-6 IDNV Errors (continued)**IDNV Error Messages**

Invalid MONLEV Value
Invalid MONTYPE Value
Invalid MAC Address
Invalid Next Hop
Invalid Notification Code
Invalid PM Interval
Invalid PPM Port
Invalid Protect Group Identifier
Invalid PROTID
Invalid Recovery Pulse Width
Invalid Reference
Invalid Regeneration Group AID
Invalid Regeneration Group Configuration
Invalid Report Interval
Invalid Start Time
Invalid Static Route Destination
Invalid Switch Type For BLSR
Invalid TAP Number
Invalid TXCOUNT Or RXCOUNT
Invalid TXCOUNT Or RXCOUNT
Invalid TXCOUNT
Invalid Threshold Value Ordering
Invalid Time Offset
Invalid Trace Level
Invalid User Name
Invalid VCAT Group Name
Invalid area ID, format is nnn.nnn.nnn.nnn
J0 Section Trace Not Supported In Transparent Term Mode
Keyword All Not Allowed
Line Code Not Supported
Link Credit Out Of Range
Link Recovery And Distance Extension are Mutually Exclusive
Low Threshold Should Be Greater Than Extreme Low
Maximum Number Of Routes Reached
Multiple AIDs Not Allowed
Multiple PROTID Not valid

Table 3-6 IDNV Errors (continued)

IDNV Error Messages
Multiple Protection Group Card Slot Identifiers Not Allowed
Multiple References Not Allowed
Must Provide PROTID for Adding Working Modules
Next Hop Conflicts Default Router
Null Userid Or Range In Userid List Not Allowed
Number Of Reports Is Negative
OSRI Not Supported
PPM Does Not Exist
PPM Type Parameter Not Supported By This Card
PRIVLVL Not Allowed When PAGE = 0
PRIVLVL Not Allowed Without PAGE, PCND, or TMOUT
PRIVLVL Required With PAGE, PCND, Or TMOUT
Parameter Not Supported By Payload Type
Parameter Not Supported By This Optical Node Type
Parameter Not Supported On Protect Trunk Port
Parameter Not Supported On Protect Trunk Port
Parameter Not Supported On Protect Trunk Port
Payload Mapping Type Incompatible With G.709 Settings
Payload Type Does Not Support AUTO ALS Mode
Payload Type Does Not Support DCC
Payload Type Does Not Support IS-AINS State
Payload Type Does Not Support OTN/FEC
Payload Type Not Supported
Peer Card Not Present
Peerid Must Be Different From Aid
Port Name Exceeds Maximum Length
Port Unsupported in Card Mode
Power Setpoint Adjust Failed
Protect Card Does Not Support Protection Type
Protect Slot Not Provisioned
Protection Group Card Slot Identifier Field Required
Protection Group Does Not Exist
Protection Group Name Exceeds Maximum Length
RMON Threshold Not Supported
Rate Capacity Exceeded
Regeneration Group Name Exceeds Maximum Length

Table 3-6 IDNV Errors (continued)

IDNV Error Messages
Requested CRSTYPE Not Supported
Retime Not Supported
Ring Lockout BLSR Switching Is Not Supported
SDCC is in use
Span Lockout of Working on BLSR Switching Is Not Supported
Static Route Cannot Be 255.255.255.255
Static Route Cannot Be Same As Default Router Mask
Static Route Cannot Be Same As Internal Network
Static Route Cannot Be Same As Node IP
Static Route Cannot Be Same As Node Subnet
Static Route Cannot Be Same As Old Class E Address
Static Route Cannot be Same As Local Net
Static Route Cannot Be Same As Class A Broadcast Address
Static Route Cannot Be Same As Class B Broadcast Address
Static Route Cannot Be Same As Class C Broadcast Address
Static Route Cannot Be Same As Node Broadcast Address
Switch Type Is Not Allowed On 1+1
TID Name Exceeds Maximum Length
TMPER Type Not Supported
Tap Out Of Range
Term Mode Does Not Support Synchronization/Timing Parameters
Threshold Increment Invalid
Threshold Value Out Of Range
Trace Level Not Supported By Client Port
Trace Level Required
Trace Not Supported In Transparent Term Mode
Transmitted Path Trace Message not supported
Transport Mode Invalid For Equipment Type
Unsupported Or Incompatible Termination Mode
VOA Not Supported
VOA Out Of Range
Value Or Threshold Read Only

Table 3-7 IDRГ Errors

IDRG Error Messages
DST Not Supported For The Time Zone
Difference Value Range Error
Invalid DURAL Value
Invalid GFPBUF Value
Invalid MXINV Value
Invalid MXINV or DURAL Value
Invalid PAGE Value
Invalid PAGE or PCND Value
Invalid PCND Value
Invalid PDIF Value
Invalid PINT Value
Invalid PJMON Value
Invalid POLD Value
Invalid TMOUT Value
Invalid Threshold Value
Invalid Time Zone
Invalid UOUT Value
Invalid Watermark Value
PJMON Out Of Range

Table 3-8 IIAC Errors

IIAC Error Messages
AID Does Not Match with Requested BLSR Path Type
AID PARSE ERROR
ALL AID Not Allowed
ALL, Ranging and Grouping Are Not Supported for Hard Reset
ALL, Ranging and Grouping Are Not Supported
AID validation failed
BERT Diagnostic Cross connection Source Must Equal DEstination
BLSR Time Slot Mismatch
Bad Ring Id
CCT=1WAY Not Allowed For The Card
Cannot Create Schedule On Protect Card
Cannot Access One Plus One Protect Line
Cannot Make Changes To Protect Card

Table 3-8 *IIAC Errors (continued)*

IIAC Error Messages
Cannot make changes to protect card
Cross-Connection Cannot Overlap PCA Boundary
Cross-Connection Cannot Use GIGE Ports When In Transponder Mode
Cross-connection PathWidth Not Supported by Card
DS1 Out of Range
EQPT Prot AID parse failed
Equipment Can Not Be Provisioned On Low Speed Slot
Equipment Does Not Match Request
Equipment Does Not Match Request
Equipment Does Not Support This Cross-connection
Expected Trace Not Supported On This Card Type
Expected Trace String Exceeds Max Length (62)
Expected Trace String Exceeds Maximum Length
FAC parse failed
Incoming Trace Not Supported On This Card Type
Incorrect Card Type
Input, Invalid Access
Invalid AID
Invalid Cross-connection Name
Invalid Cross-connection Path Number
Invalid DRI Node Type
Invalid DRI Topology
Invalid DS1 AID
Invalid FROM AID
Invalid G1000 Facility Port
Invalid Month Or Day
Invalid Node Side
Invalid NodeId
Invalid Operation On Drop AID
Invalid PJMON Value
Invalid PM Direction parameter
Invalid Protect AID Or Working AID
Invalid Protect AID or Working AID
Invalid Protect AID
Invalid RFROM AID
Invalid RFROMEND AID

Table 3-8 IIAC Errors (continued)

IIAC Error Messages
Invalid RFROMSTART AID
Invalid RTO AID
Invalid RTOSTART AID
Invalid Reference
Invalid RingID
Invalid Roll From And/Or Roll To AID
Invalid Source AID
Invalid Source/Destination AID Count For Cross-Connection Type
Invalid TAP
Invalid TO AID
Invalid TPORT AID
Invalid Time
Invalid VCG Member Number
Invalid Year
Invalid fac-n-m input
J1 Trace Not Supported On This Card
List AID Not Allowed For ALL AID
List Or All AID Not Supported
Loopback type mismatch
LpbkType Does Not Match
Multiple AIDs Not Supported
Multiple Destination AID Exceeds Limit
Multiple Destinations Not Supported By Cross-Connection
Multiple Source AID Exceeds Limit
Multiple TAP AIDs Not Supported
Multiple AIDs Not Allowed
No TPORT With ONE-PORT-BI TRANS Mode
No TPORT With Removing TRANS Mode
Not Allowed On 1+1 Protect Line
Not Allowed On BLSR Protect Line
Optional AIDs Are Not Supported
Ranging and Grouping Are Not Supported for Soft Reset
RingID Does Not Match with AID Number
TPORT Must Use The Same Slot As The Aid
TPORT Supports Only A Single AID
Trace Mode Not Supported On This Card Type

Table 3-8 IAC Errors (continued)

IAC Error Messages
Trace Not Supported For Current Configuration
Trace String Exceeds Maximum Length
Transmit Trace Not Supported On This Card Type
Path Protection Cross-Connections Not Allowed For The Facility Of Data Card
Use Of TPORT Argument Requires Use Of TRANS

Table 3-9 IICM Errors

IICM Error Messages
Command not implemented yet...
Command not supported in this release
Input, Invalid Command
Input, Invalid MOD1
Input, Invalid MOD2
Input, Invalid MOD2
Input, Invalid VERB

Table 3-10 IICT Errors

IICT Error Messages
Invalid Correlation Tag

Table 3-11 IIDT Errors

IIDT Error Messages
'%xx' Encoding Error In URL Parsing
0 Sec Revertive Time Not Supported
2F-BLSR Does Not Support SRVRTV/SRVTM/EASTPROT/WESTPROT Parameters
AUTO trace mode not supported
CMDMDE Must Be FRCD
Can Not Delete A Schedule Which Does Not Exist
Cannot Activate To Older Software
Cannot Add And Remove Drops Together
Cannot Create More RMON Threshold
Cannot Edit OSPF When Both SDCC and LDCC are Enabled
Cannot Revert From R2 To R1
Cannot Revert To Newer Software

Table 3-11 IIDT Errors (continued)

IIDT Error Messages
Command Already In Progress
DEST Incompatible With RFR Type
DEST Incompatible With SWDL Type
DEST Required For RFBU Type
Duplicate BLSR Working/Protect Facilities
Duplicate Performance Monitoring Schedule
Duplicate RMON Threshold
Duplicate Schedule
Error Adding New Schedule
FRCD mode not supported
FTTD Host Cannot Be IP Address
FTTD Is Not Supported. Only Direct File Transfers Are Supported
FTTD URL Missing
Facility Already in OSC Group
File Name Missing In URL
Flash Manager Not Active
Hostname Missing In URL
IOS Config File Too Big
Invalid 2 Fiber Blsr Parameter
Invalid BLSR Mode
Invalid BLSR Protect Facility
Invalid BLSR Working Facility
Invalid Data Parameter
Invalid East work Port
Invalid FTTD Host
Invalid NSAP Character
Invalid NSAP Length
Invalid NSAP Selector
Invalid NSAP
Invalid OSC Group Facility
Invalid Phase Number
Invalid Port In URL
Invalid Revertive Time
Invalid Software Switch Type
Invalid State Transition Request
Invalid State Value

Table 3-11 IIDT Errors (continued)

IIDT Error Messages
Invalid Type Value In FTP URL. Only 'a', 'i', or 'd' Is Allowed.
Invalid West work Port
Invalid type= Syntax In FTP URL
Loopback type not supported
Mandatory FTP URL Not Provided
Maximum Performance Monitoring Schedule Limit Reached
Memory Out Of Range
Missing/Invalid Destination
Missing/Invalid Source
NSAP FTTD Hosts Unsupported
No TID matches FTTD hostname
Non-IP Hostname In FTP URL
Null Outputs In URL Parsing
Only IS PST Is Supported
Only MAINT STATE Supported
Only NORM CMD_MODE Is Supported
Only OOS PST Is Supported
Only OVWRT of YES is Allowed For Uploads
Only Port 21 Is Supported
Only SWDL Is Supported For The xfertype Argument
Only Type 'a' Is Supported In The COPY-IOSCFG FTP URL
Only Type 'i' Is Supported In The COPY-RFILE FTP URL
Password Missing In URL
Performance Monitoring Schedule Does Not Exist
Port Missing In URL
RFBU Type Required With RFILE-LOG Aid
Reach Limits Of MAX Schedules Allowed. Cannot Add More
SRC Incompatible With RFBU Type
SRC Required For RFR Type
SRC Required For SWDL Type
SWDL Incompatible With RFILE-PKG Aid
Software Activate/Revert Failed
Software Not Available For Switch
Terminal Loopback is not supported
The URL Contains Unsafe Characters. Please Encode
Unknown Error Processing FTP URL

Table 3-11 IIDT Errors (continued)**IIDT Error Messages**

Unsupported Locn Value
Username Missing In URL
ftp:// Missing In FTP URL
fttd:// Missing In FTTD URL

Table 3-12 IIFM Errors**IIFM Error Messages**

Invalid AID Block. Invalid Data Format
Invalid Data Format
Invalid Password
Invalid Payload Block. Invalid Data Format
Invalid User ID

Table 3-13 IIPG Errors**IIPG Error Messages**

Configuration Requires Transparent Termination Mode
Equipment Payload Type Incompatible For Regeneration Group
Payload Type Requires Transparent Termination Mode
Transparent Termination Mode Required For Regeneration Group

Table 3-14 IISP Errors**IISP Error Messages**

Input, Garbage
Invalid AID Block. Extraneous ',' Found

Table 3-15 IITA Errors**IITA Error Messages**

GNE: Input, Invalid Target Identifier
Input, Invalid Target Identifier

Table 3-16 *INUP Errors*

INUP Error Messages
EXTRNG Configuration Is Not Supported
General Block Unsupported
Missing mandatory field
NODEID Configuration Is Not Supported
RNGID Configuration Is Not Supported
RNGMAPAUTO Configuration Is Not Supported
RNGWTR Configuration Is Not Supported

Table 3-17 *IPEX Errors*

IPEX Error Messages
Duplicate N/V field
Invalid Payload Block. Extra Parameters
Invalid Payload Block. Extra Parameters

Table 3-18 *IPMS Errors*

IPMS Error Messages
Invalid AID Block. Missing Mandatory Field
Invalid Payload Block. Missing Mandatory Field
Invalid syntax
Missing mandatory field

Table 3-19 *IPNC Errors*

IPNC Error Messages
Cannot Change Existing Protection Type
Cross-connect Doesn't Have Path Protection Path Selector
Description Too Long
Expected Duplex Not Supported
Expected Speed Not Supported
Invalid Auto Negotiate Value
Invalid Encapsulation Type
Invalid Flow Control Value
Invalid Maximum Frame Size
Invalid Parameter
Invalid Trans Value

Table 3-19 IPNC Errors (continued)**IPNC Error Messages**

Parameter Not Valid
Parameters Are Not Consistent
Parameters Not Compatible

Table 3-20 IPNV Errors**IPNV Error Messages**

AID or Condition Must Be Specified
Bad IP Configuration Parameter
Bad Parameter
Bad Reference
Cannot Set Expected Path Trace For Source Path
Cannot Set Expected Path Trace In Auto Mode
Cannot Set Outgoing Path Trace For Drop Path
Cross-Connection Does Not Have SNCP Path Selector
DRITYPE Not Supported For Connection Type
Empty parameter
Exercise Is Not Allowed On Protected Facility
Expected Trace String Exceeds Max Length (62)
Facility Does Not Support Montype
Far End Loopback Type Not Supported In Current Framing Format
Far End Performance Monitoring Values Not Supported
Holdoff Timer Not Supported For Non-DRI Cross-Connections
INT Not Valid For BITS-OUT
INVALID SAMPLE TYPE
Internal-Ip Lookup Failed
Internal-Network Nodes Lookup Failed
Invalid BITS Framing
Invalid BITS-OUT Rate
Invalid Clock Source
Invalid Condition Type
Invalid DRITYPE
Invalid Default Router Address
Invalid IIOP Port number
Invalid IP Address
Invalid IP Configuration Parameter

Table 3-20 *IPNV Errors (continued)*

IPNV Error Messages
Invalid IP Mask
Invalid IP Port Number
Invalid Link Termination Port
Invalid MONLEV Value
Invalid OSPF Cost
Invalid PM register
Invalid Parameter
Invalid Payload Block. Empty Parameter
Invalid Report Interval
Invalid SNTP Host Address
Invalid Start Time
Invalid Switch Command For Synchronization
Invalid Switch Type
Invalid Threshold Value
Invalid Why Parameter
New Source Must Be Specified
Node Name Exceeds Maximum Length
Number Of Reports Is Negative
PM Not Supported
Parameter Not Valid
Path is not associated with Path Protection Path Selector
Payload Does Not Support Optics Montypes
Primary Reference Incompatible With Timing Mode
Protection Type Does Not Support Reversion Mode
Protocol Does Not Support This State
RMON PM History Not Supported
Reference Type Not Supported
SPNWTR Parameter Not Supported
STARTUP TYPE MUST BE RISING FOR ABSOLUTE SAMPLE TYPE
Secondary Reference Incompatible With Timing Mode
Synchronization Source Already Defined For The Slot
TMGREF Parameter Not Supported
Third Reference Incompatible With Timing Mode
Time Period Not Applicable
Timing Mode Not Compatible

Table 3-21 NO Errors**NO Error Messages**

No Error

Table 3-22 PICC Errors**PICC Error Messages**

AID Required

AID does not match this session UID

Bad Password Toggling - New Password Same As A Prior Password

Can't change own security level

Can't login

Can't logout if user is not logged in

Command Not Available To This User Level

Command Not Available to this User Level

IP Address Display Is Suppressed

Invalid User Access Privilege Value

Invalid User Identifier - Must Conform To TL1 Rules

Invalid User Password - Must Conform To TL1 Rules

Logout failed

Password Must Be Changed Before Continuing

Password Recently Changed

Unexpected Default Case

Unknown CORBA Exception (Internal Error)

Unknown User

User Access Privilege Required

User Already Exists

User Identifier Exceeds Maximum Length Allowed

User Not Authorized

User Password Required

Table 3-23 PIMA Errors**PIMA Error Messages**

Memory Out Of Range

Table 3-24 PIUC Errors

PIUC Error Messages
Cannot Delete The Logged In User
Cannot Remove The Last Superuser
Unauthorized change of PID
Unauthorized
User Currently Logged Into Another Session
User Is Not Superuser
User Not Allowed To Change User Access Privilege
User Not Allowed To Change User Password
User Not Allowed To Disable/Enable Self
User Not Allowed To Terminate Self
User Not Logged In

Table 3-25 PLNA Errors

PLNA Error Messages
Login Not Active

Table 3-26 RALB Errors

RALB Error Messages
GNE: All ENE Connections in Use
Requested DCC In Use

Table 3-27 RANB Errors

RANB Error Messages
GNE: No Response from ENE - IENE

Table 3-28 RNBY Errors

RNBY Error Messages
Software upgrade in progress

Table 3-29 RRNG Errors**RRNG Error Messages**

Multiservice Slot Out Of Range
Invalid Slot Number For SDH Electrical Cards
Invalid Slot Number

Table 3-30 RTBY Errors**RTBY Error Messages**

Connection In Service
TAP Already In Use
TAP Number In Use

Table 3-31 RTEN Errors**RTEN Error Messages**

Cannot Change Low Order Path
Cannot Change Access Mode
Cannot Set Access Mode
Invalid Access Mode
Invalid STS TAP Number
Invalid TAP AID
Invalid TAP Mode
Invalid TAP Number
Invalid VT Path TAP Number
Requested TAP Does Not Exist
Requested Tap Busy
TAP Not Found

Table 3-32 SAAL Errors**SAAL Error Messages**

Already Allowed

Table 3-33 SAAS Errors**SAAS Error Messages**

Equipment Already Provisioned

Table 3-34 SADC Errors**SADC Error Messages**

GNE: ENE is down

TAP Not Connected

Table 3-35 SADS Errors**SADS Error Messages**

Loopback Applied On Cross-connection

Table 3-36 SAIN Errors**SAIN Error Messages**

Already Inhibited

Table 3-37 SAIS Errors**SAIS Error Messages**

Port Already In Service

Table 3-38 SAMS Errors**SAMS Error Messages**

Already In Clear Maintenance State

Already In Force Maintenance State

Already In Lockout Maintenance State

Already In Manual Maintenance State

Table 3-39 SAOP Errors**SAOP Error Messages**

Control Already Operated

Control Already Released

Control Operated In Mntry

Table 3-40 SAOS Errors**SAOS Error Messages**

Port Already in IS-AINS

Table 3-40 SAOS Errors (continued)**SAOS Error Messages**

Port Already In OOS-MT
Port Already Out Of Service

Table 3-41 SAPR Errors**SAPR Error Messages**

Cannot Provision Regeneration Group When A Protection Group Is Present
Card Already In A Regeneration Group
Card Has Y Cable Protection
Peer Card Already In A Regeneration Group
Peer Card Has Y Cable Protection

Table 3-42 SARB Errors**SARB Error Messages**

GNE: All Gateways in Use
System Memory Exhausted. Retry A Few Seconds Later

Table 3-43 SCAT Errors**SCAT Error Messages**

Connection Is Tapped
Connection already in loopback
Connection already in test access
End Point Is Already Connected
STS Is Already Connected
Test Access Busy
VT Is Already Connected
Would exceed max number of drops

Table 3-44 SDBE Errors**SDBE Error Messages**

AID Parser Failed
Asymmetric VCG Not Supported
Bad Parameter
Cannot Access Alarms

Table 3-44 SDBE Errors (continued)

SDBE Error Messages
Cannot Access Conditions
Cannot Access Controls
Cannot Access Date/Time
Cannot Access Defaults Description
Cannot Access Environmental Settings
Cannot Access Equipment
Cannot Access Facility
Cannot Access IP Configuration
Cannot Access IP Display Suppression
Cannot Access Interface
Cannot Access Node ID
Cannot Access Node Name
Cannot Access Object
Cannot Access Orderwire
Cannot Access Protection Group
Cannot Access Protection State
Cannot Access SNMP Ip Addr
Cannot Access SNTP Host
Cannot Access STS
Cannot Access Security Mode
Cannot Access Software Version
Cannot Access Synchronization Configuration
Cannot Access Timezone
Cannot Access Trace Information
Cannot Access VT Performance Monitoring Parameters
Cannot Access VT
Cannot Configure Extension Byte For Current Configuration
Cannot Configure SYNC
Cannot Create 1+1 Protection Group
Cannot Edit STS
Cannot Get Line Information
Cannot Get Synchronization Configuration
Cannot Set Date When Using SNTP
Cannot Set Date
Cannot Set IP Configuration
Cannot Set Node Name

Table 3-44 SDBE Errors (continued)

SDBE Error Messages
Cannot Set Pointer Justification Monitoring Parameter (PJMON)
Cannot Set SNTP Host Configuration
Cannot Set Timezone
Cannot Soft Reset System
Card Type Not Supported
DLT prg Failed
Delete Protection Group Failed
Equipment Not Found
Facility Does Not Exist
Facility Does Not Match Request
Facility Does Not Support Mac Address
Facility Is Not Provisioned
Facility Not Provisioned
File Transfer In Progress
Get Sonet Line Info Failed
Getting SONET sync configurations
IOS Config Update In Progress
IP Configuration Failed
Incompatible Parameter Values
Incorrect Facility Type
Interface Does Not Exist
Interface Does Not Support Loopback Type
Internal Access Failed
Internal Data Base Error
Internal Database Error
Invalid Command
Invalid Cross Connect Type For VCG
Invalid DCC
Invalid Mondat Format
Invalid Montm Format
Invalid Performance Monitoring Mode
Invalid Protection Group
Invalid Time Period
Invalid Trace Mode for Card Type
LCAS Not Supported By This Card
Location Value Invalid

Table 3-44 SDBE Errors (continued)

SDBE Error Messages
Loopback Is Invalid
Loopback Port In Service
Loopback type not supported
Mac Address Not Supported By Payload
No such interface
Node Name Configuration Failed
Not a Sonet interface
Object Not Provisioned
Object Not Supported
Operation Not Supported On EC1 Interface
Operation not supported by this card
Path Width Not Supported
Path loopback already exists
Reach Not Supported With Current Configuration
SNTP Configuration Failed
SSM not supported on SDH
STS Path Not Provisioned
Synchronization Configuration Not Available
Synchronization Status Messaging(SSM) Not Supported On EC1 Interface
Synchronization Status Messaging(SSM) Not Supported On SDH
Synchronization::Sync not available
Trace Not Applicable On This Card
Used Frame Format Does Not Support Synchronization Status Messaging (SSM)
VT Path Not Provisioned
Wavelength Not Supported With Current Configuration
Wrong Facility Type
Wrong Interface Type
bind failed for sonet gen
getActiveRefSource failed
getRefSources failed

Table 3-45 SDLD Errors

SDLD Error Messages
Duplex Unit Locked

Table 3-46 SDNA Errors

SDNA Error Messages
Active TCC Not Ready
Standby TCC Not Ready

Table 3-47 SNCC Errors

SNCC Error Messages
Cross connection does not exist
Path Roll Does Not Exist
Replace This Message When A SNCC message is needed

Table 3-48 SNCN Errors

SNCN Error Messages
Bad Quality
Cannot Switch To Bad Reference
Cannot Switch To Inferior Reference Source
Command Not Implemented
Cross-Connection Type Not Supported In TL1
Invalid Clock Source
Requested Direction Not Supported
STS Rate Change Not Supported
Sync Switch Operation Failed, Reference In OOS

Table 3-49 SNNS Errors

SNNS Error Messages
Reference Not From Optical Card

Table 3-50 SNOS Errors

SNOS Error Messages
Cannot Change Card Wavelength With Port(s) Not In OOS,DSBLD State
Cannot Change Payload With Port(s) Not In OOS State
Cannot Change Payload With Port(s) Not In OOS-MA,DSBLD State
Cannot Change Termination Mode With Port(s) Not In OOS State

Table 3-51 SNPR Errors**SNPR Error Messages**

Cannot Get Role Of Port
Get Port Role Failed

Table 3-52 SNVS Errors**SNVS Error Messages**

Already Switched To Internal Reference Source
BLSR East Operation Already Set
BLSR West Operation Already Set
CCAT Cross Connect Exists
Cannot Change Configuration When Port(s) Are Not In OOS State
Cannot Change Payload For Port Used For Overhead
Cannot Change Payload When Port(s) Are DCC Enabled
Cannot Change Payload When Port(s) Are Used As A Clock Source
Cannot Change Revertive Behavior When A Protection Switch Is Active
Cannot Change Termination Mode When Port(s) Are DCC Enabled
Cannot Change Termination Mode When Port(s) Are Used As a Clock Source
Cannot Change Termination Mode With Trace Enabled
Cannot Delete Port Involved In Loopback
Cannot END An AUTO Roll
Cannot Edit Facility When Not OOS State
Cannot Operate Loopback In Current Cross-connection State
Cannot Operate Loopback In Current State
Cannot Provision Regeneration Group When A Protection Switch Operation Is Present
Cannot Provision Regeneration Group When Equipment Has Different FEC Settings
Cannot Provision Regeneration Group When Equipment Has Different G.709 Settings
Cross-Connect Exists
Facility Not Part Of BLSR
Invalid AINS Soak Time
Invalid Admin State
Invalid BLSR Element
Invalid Clock Source
Invalid Equipment State
Invalid Transponder Provisioning
Loopback Already In Progress
Loopback Not In Progress

Table 3-52 SNVS Errors (continued)

SNVS Error Messages
No Switch In Progress
No Valid Roll Signal
No loopback in progress
Protection Group Does Not Exist
Protection Unit Active
Provisioning Not Allowed On Protecting Card
Roll Condition Does Not Exist
Roll is not controlled by TL1
Status, Not in Valid State
Unable To Complete Roll
VCG Already Created
Working Unit Already Active
Working Unit Already Standby

Table 3-53 SOSE Errors

SOSE Error Messages
Unrecognized Message Type

Table 3-54 SPFA Errors

SPFA Error Messages
Cannot Get Current Card Status
Protection Unit Failed Or Missing
Status, Protection Unit Failed or Missing

Table 3-55 SPLD Errors

SPLD Error Messages
Cannot Create 1+1 Protection Group
Cannot Delete Equipment
Equipment In Use
FTP Task Is Busy
Facility Is Busy
Protection Unit Locked

Table 3-56 SRAC Errors**SRAC Error Messages**

Invalid Connection Type
Requested Access Configuration is Invalid

Table 3-57 SRCN Errors**SRCN Error Messages**

Already In Requested Mode
Area already exists on lan interface
Cannot use backbone area, lan active
Requested Condition Already Exists

Table 3-58 SROF Errors**SROF Error Messages**

1+1 Protection Group Not Found
1WAYMON not supported
2F BLSR Pool Not Available
4F BLSR EastProtect Pool Is Not Available
4F BLSR Pool Not Available
4F BLSR WestProtect Pool Is Not Available
AID Listing Not Allowed
ALL Rolls Failed
ALS Mode Does Not Allow Laser Restart
APC System Is Busy
APC System Is Not Enabled
Active Flash Not Ready
All DCCs In Use
All Link Terminations On Port Must Terminate On Same Remote Node
BFDL Mode Requires ESF Framing
BLSR In Use
BLSR Pool Not Available
BLSR Protect STS Path List Is Empty
BLSR Spans Are Not Locked
Bridge And Roll Not Supported On Roll From And/Or Roll To
CKTID Does Not Match
Can Not Get IOS Config Source Origin

Table 3-58 SROF Errors (continued)

SROF Error Messages
Cannot Access 1+1 Line
Cannot Access 1+1 Protected Line
Cannot Access 2 Fiber BLSR
Cannot Access 4 Fiber BLSR East Protection
Cannot Access 4 Fiber BLSR West Protection
Cannot Access 4F BLSR
Cannot Access Alarm Log
Cannot Access BLSR 2 Wire Line
Cannot Access BLSR 2-Wire Line
Cannot Access BLSR
Cannot Access Cross-Connection
Cannot Access DCC
Cannot Access Facility
Cannot Access PM Mode
Cannot Access Performance Monitoring Statistics
Cannot Access Protected Equipment
Cannot Access Protection Group Information
Cannot Access Protection Group Name
Cannot Access Protection Group Reversion Information
Cannot Access Reversion Information
Cannot Access STS
Cannot Access TAP
Cannot Access Unprotected Line
Cannot Access Unprotected Line
Cannot Access VT
Cannot Add Equipment
Cannot Add Equipment
Cannot Change BITS Configuration When Manual Switch Exists
Cannot Change Equipment Type
Cannot Change Ethernet IP With DHCP Provisioned
Cannot Change Ethernet IP With OSPF Provisioned
Cannot Change Parameter When User Switch Exists
Cannot Change Payload When Regeneration Group Exist
Cannot Change Port State When User Switch Exists
Cannot Change Synchronization Configuration When Manual Switch Exists
Cannot Change Threshold Values On Protect Card

Table 3-58 SROF Errors (continued)

SROF Error Messages
Cannot Change Timing Reference When User Switch Exists
Cannot Change XTC Protection Group
Cannot Clear Performance Monitoring Statistics On Protect Card
Cannot Configure SYNC
Cannot Create Cross-Connection Between Incompatible Interfaces
Cannot Create Protection Group with Preprovisioned Cards when CMDMDE is FRCD
Cannot Create Protection Group
Cannot Create TAP On Last VT
Cannot Create TAP
Cannot Create Y-cable Protection
Cannot Delete CCAT Cross-Connection In Forced Mode
Cannot Delete Cross-Connection
Cannot Delete Last Drop
Cannot Delete Protected Equipment
Cannot Delete Protection Group
Cannot Delete VCAT Group When Members Are In Group
Cannot Delete VCAT Group
Cannot Delete VCAT Member When It Is In Group
Cannot Disable DWRAP With FEC Enabled
Cannot Disable DWRAP With GCC Enabled
Cannot Disable DWRAP. Orderwire Circuit Exists
Cannot Disable DWRAP. Y-Cable Protection Exists
Cannot Edit Ethernet IP
Cannot Edit STS
Cannot Enable DWRAP With DCC Enabled
Cannot Enable FEC When G.709 Is Disabled
Cannot Enable FEC With DWRAP Disabled
Cannot Modify Protect Card
Cannot Operate Terminal Loopback With AISONLPBK Enabled
Cannot Perform ACO
Cannot Provision Equipment
Cannot Provision Filler Equipment
Cannot Provision Protection Equipment
Cannot Retrieve Performance Monitoring Statistics From Protect Card
Cannot Retrieve Threshold Values From Protect Card
Cannot Set ALS Mode

Table 3-58 SROF Errors (continued)

SROF Error Messages
Cannot Set Bidirectional Protection Group
Cannot Set DCC When Digital Wrapper Is Enabled
Cannot Set GCC When DWRAP Is Disabled
Cannot Set GCCRATE With GCC Disabled
Cannot Set GFP Buffer With AutoThresholdGfpBuf On
Cannot Set Linkcredits With AutoDetection On
Cannot Set Loopback In Current Mode
Cannot Set NodeID
Cannot Set Payload Type
Cannot Set Protection Group Name
Cannot Set Protection Group Revertive Behavior
Cannot Set RETIME, Port In Use
Cannot Set RingID
Cannot Set Span Revertive Mode Unless 4-Fiber Ring
Cannot Set Span Revertive Time In Non-revertive Mode
Cannot Set Span Revertive Time Unless 4-Fiber Ring
Cannot Set Termination Mode
Cannot Set Wave Length
Cannot Setup Connection With Port In OOS-MT
Cannot Switch For Specified Connection Type
Cannot Switch For Specified Path
Cannot Update AISONLPBK When Loopback In Progress
Cannot Update Synchronization Reference List
Cannot modify cross-connect right now
Card Mode Provisioning Failed
Command Not Supported
Connection In Loopback
Connection In Roll
Connection In Test Access
Connection In Topology Upgrade
Connection Is Already In Roll
Connection Type Error
Connection Type Error
Could Not Delete Protection
Could not provision area
Cross-Connection Creation Failed

Table 3-58 SROF Errors (continued)

SROF Error Messages
Cross-Connection Does Not Exist
Cross-connection Was Not Found
Cross-connection deletion failed
DCC Does Not Exist
DCC In Use
DCC Not In Use
DCC Termination Is Required to Set OSPF
DWRAP Not Enabled
Database Is Busy
Duplicate Remote Link Termination Information
Duplicate Tunnel Create Attempted
Element Not Found
Element not available
Equipment Does Not Match Request
Equipment Does Not Support 8B10B Montypes
Equipment Does Not Support Cross-connection Loopback
Equipment Provisioning Failed
Ethernet IP And Default Router IP Subnets Are Different
Expected Trace Size Exceeds Trace Format Limit
Facility Does Not Support Laser Restart
Facility Not Protected
Fail To Add RTO
Flash Is Busy
Force To Primary Not Allowed
G.709 Not Supported By This Card
Generation 1 Does Not Support Given Quality Of RES
Generic IOS config upload failure message
Get IOR Failed
Host Not In IP Address Format
IPPM Not Supported By Equipment Type
Insufficient Path Width For Cross-Connection
Insufficient Path Width For Test Access
Insufficient Path Width on Roll Destination
Internal Database Error
Internal Exercise Failure
Internal Facility Type Failure

Table 3-58 SROF Errors (continued)

SROF Error Messages
Invalid AID
Invalid ALS Recovery Interval
Invalid ALS Recovery Pulse Width
Invalid BLSR DRI Drop
Invalid Control Type (CONTTYPE) For AID
Invalid Cross-Connect Type For VCG
Invalid Cross-Connection Path
Invalid Cross-Connection Type (CRSTYPE)
Invalid Cross-Connection Type For Drops
Invalid Drop Path
Invalid Loopback Provision
Invalid Operation For Connection Type
Invalid Operation For Specified Path
Invalid Path
Invalid Protection Group
Invalid Protection Switch Operation
Invalid Provisioning For Current Configuration
Invalid RMODE
Invalid Reference Source for Timing
Invalid SYNC entity
Invalid State When Loopback Present
Invalid Subnet Mask
Invalid Synchronization Source
Invalid Path Protection Path
Invalid Username/Password
Invalid type for this Cross-connection
Is Not 1+1 Element Type
J0 Section Trace Level Not Supported By 10GE Payload Type
Laser Was Not Shutdown.Cannot Restart Laser
Link Termination Does Not Exist
Link Termination Id Already In Use
Location Incompatible With Loopback Type
Loopback Not Allowed On Drop Path
Loopback Type Does Not Match
MIC Cards Cannot Be Reset
Maximum DIAG Cross connect Limit Reached

Table 3-58 SROF Errors (continued)

SROF Error Messages
Maximum Drop Limit Reached
Maximum Link Terminations On Port Reached
Maximum Tunnel Creation Limit Exceeded
Maximum User Limit Reached
Maximum VT Cross Connection Limit Reached
No Path To Regulate
No Start-Up IOS Config
No clock and data copy information from Line cards and SSXC cards
Node::General not available
Node::NetworkConfig not available
Non Revertive Mode Does Not Allow to Set RVTM
Not Enough Path Width For TACC
Number of Drops Exceed Allowable
One Plus One Line pool not available
Operate Alarm Cutoff Failed
Operation Not Supported On Port
Operation Not Supported
Operation not Valid for Connection Type
Operation not Valid for Path Specified
OspfTopology::OSPFTopo not available
PM Not Supported For Specified Path
Parameter Not Supported When DWRAP Is Enabled
Path Already In Use
Path Specified Is Not Valid
Path Used For Test Access
Payload Provisioning Failed
Payload Type Does Not Support Trace
Peer Equipment Attributes Do Not Match
Peer Equipment Type Does Not Match
Peer Facility Has Loopback
Peer Facility Is IS
Peer Payload Type Does Not Match
Peer Termination Mode Does Not Match
Platform Does Not Support Given AIS Threshold Value
Platform Does Not Support Given Frame-Format Value
Platform Does Not Support Given Line Code Value

Table 3-58 SROF Errors (continued)

SROF Error Messages
Platform Does Not Support Given Quality Of RES
Pool Does Not Exist
Pool not available
Port In Use
Port Type Already Provisioned
Port Type Mismatch
Port Type Not Provisioned
Protect Port Active
Protection Group Busy
Protection Group Does Not Exist
Protection Switch In Progress
Protection Switching Failed
Protection Type Mismatch
Protection Type Not Compatible With Facility
Provisioning Rules Failed
RMON Threshold Does Not Exist
ROLL TO Path Is Already In The Cross-connection
Regeneration Group Already Exist
Regeneration Group Does Not Exist
Requested Operation Failed
Requested Tap Busy
Ring Reversion Failed
Roll Failed
Roll To Path Not Aligned
SDBER Out Of Range
SDCC creation failed
SFBER Out Of Range
SSet PRG Reversion Failed
STS Does Not Exist
STS Does Not Have TAP
STS Path Width Does Not Match
STS Path Width Does Not Match
STS Rates Do Not Match
Section Termination Mode Not Supported
Security::General not available
Set PRG Bidirectional Failed

Table 3-58 SROF Errors (continued)

SROF Error Messages
Set PRG Name Failed
Slot Does Not Support New Equipment Type
Software Activation Failed
Software Download Failed
Software Error
Software Reversion Failed
Span Reversion Failed
Specified Operation Is Not Valid
Standby Flash Not Ready
Sync Reference List Update Failed
Synchronization Status Messaging (SSM) Not Supported In Current Configuration
Synchronization/Timing Parameters Not Supported With DWRAP Enabled
TAP connected
TCC Type Does Not Support Given Framing Type
TID exists in TADRMAP
TTI Trace Not Allowed With G709 Disabled
Tap Not Provisioned
Test Access Active
Test Access Not Supported On Card
The Maximum number of TID-Address pairs has been reached
This Timer Not Applicable to Standard 1+1
Trace Format Not Supported By J0 Section Trace
Trace Format Not Supported By TTI Section Trace
Trace Message Size Exceeds Trace Format Limit
Trace Mode Incompatible With Termination Mode
Trace Mode Not Supported
Trap Destination Already Exists
Trap Destination Does Not Exist
Trap Table Full
Tunnel Not Found
Path Protection Needed To Change Revertive Behavior
Path Protection Selector Not Allowed On Non-Optical Ports
Unable To Cancel Roll
Unknown Internal Error
Unprotected Line pool not available
Unprovisioning Rules Failed

Table 3-58 SROF Errors (continued)

SROF Error Messages
Unsupported BLSR STS Path Operation
Unsupported Command Type
Unsupported Element Type
VCG Does Not Exist
VT Cross-Connection Does Not Exist
VT Does Not Exist
VT Does Not Have TAP
VT Path Width Does Not Match
Wavelength Value Not Supported
Working/Peer Card In Use
Wrong Interface Type
Cross-Connect Card Does Not Support VT Cross-Connection
Cross-Connect Card Not Present
XCVXL Card Not Present
Y-Cable Protection Does Not Exist

Table 3-59 SRQN Errors

SRQN Error Messages
Admssm Not Allowed When SSM Enabled
BLSR Creation Failed
BLSR Deletion Failed
BLSR Does Not Exist
BLSR Editing Failed
Cannot Create Automatic Links
Cannot Edit SENDDUS On Protect Port
Cannot Edit SYNCMSG On Protect Port
DCC Not Allowed In SDH Mode
DCC Not Allowed On Protect Port
DCC not enabled
Data Access Request Failed
Invalid Mode For Current Configuration
Invalid Request
OSC Group Already Exists
OSC Group Does Not Exist
Path loopback already exists

Table 3-59 SRQN Errors (continued)

SRQN Error Messages
Protect Card Does Not Support Electrical Protection
Protect Card Does Not Support Protection Type
SDH Not Allowed On Protect Port
SDH Not Allowed With DCC
SDH Not Allowed With SENDDUS
SDH Not Allowed With SYNCMSG
SDH Not Allowed
SECURITY CANNOT BE CHANGED
SENDDUS Not Allowed With SDH Mode
STS Cross-Connection Does Not Exist
SYNCMSG Not Allowed With SDH Mode
Sync Status Messaging(SSM) Not Allowed With SDH Mode
TCC CANNOT SUPPORT FRONT-END PORT
VT Cross-Connection Does Not Exist

Table 3-60 SRTN Errors

SRTN Error Messages
TAP Not Found

Table 3-61 SSRD Errors

SSRD Error Messages
Manual Switch Cannot Override Forced Switch
Switch Request Denied

Table 3-62 SSRE Errors

SSRE Error Messages
GNE: ENE Connection Closed
GNE: System Resources Exceeded - FD
GNE: System Resources Exceeded - Lock
GNE: System Resources Exceeded - Thread
Memory Resources Exceeded
Memory resource denial

Table 3-63 SWFA Errors

SWFA Error Messages
Status, Working Unit Failed or Missing
Working Unit Failed Or Missing

Table 3-64 SWLD Errors

SWLD Error Messages
Working Unit Locked

3.2 Echo

In order to improve telnet functionality for automated systems, the echo function has been turned off in ONS 15454 Release 3.0 and later. This change is transparent to users running standard UNIX-compliant telnet clients; however, PC users might need to change their client setup to enable “local echo.” This is normally accomplished by a drop-down list or a preference attribute.

To test the local echo on your PC client, use the RTRV-HDR command. If you receive a response but no data, set local echo ON. Cisco recommends that you close any windows containing sensitive information after exiting a TL1 session.

